

Diaphragm Pump and Anode Stream Recirculation System Using Such Pump for a Fuel Cell

Abstract of the Disclosure

5 An anode stream recirculation system for a fuel cell, the fuel cell
including an anode gas input and an anode gas output, the anode stream
recirculation system comprising: an anode gas supply; a switch
connected with the anode gas supply; a pressure regulating device
connected between the switch and the anode gas input of the fuel cell; a
diaphragm pump connected between the anode gas output and the
10 anode gas input of the fuel cell thereby forming an anode gas
recirculation; wherein the diaphragm pump has at least a sensor
electrically connected with the switch.